SARA SKYWAVES

W5SRA

June 2024

President's Message

Hello June!

I hope this newsletter finds you and your family well. Attendance was a little light at last month's meeting. I would like to thank those who attended and if you were not there you were missed. We discussed Field Day and our plans.

With that said, I encourage you to attend the meeting this month June 13th at 7:30 location is North Point Church of Christ 7030 Hwy 78, Sachse as we will be finalizing our plans for Field Day. Your input and votes are encouraged.

Field Day is just 3 weeks away. A big thank you to the Sachse Parks and Recreation Board of Directors for voting unanimously to allow us the use of Salmon Park overnight for the event. We will be under the pavilion Saturday morning 11:00 AM June 22nd to 1:00 PM June 23rd . We will be ordering pizza Saturday evening for dinner. If you plan to join us for dinner please contact Mike, W5MJC at email: vicepresident@sachseradio.org so we can get a count to order enough food. As it stands right now, we will be operating Class 4A-commercial, but we may revise that.

With the approach of September, it is time to consider joining the Board of Directors. If you have any interest, you can find the list of duties and qualification for officers in the SARA's Constitution and By-Laws on the web site or this link:

SARA Constitution and By-Laws

We will be announcing a nominating committee very soon. I would encourage you to step up and help form the direction of our club.

73,

Andy Barnes, W5KZJ

JOIN US ON THE AIR

ALL SARA operations and all Sachse ARES/RACES operations are being conducted on the W5SRA repeater

The Sachse Amateur Radio Association uses the W5SRA repeater in Sachse, TX:
Frequency: 440.350 MHz
Shift: +5MHz
PL tone: 110.9 (Tx & Rx)

SARA Weekly Information Net
Monday, 7:00 PM on the W5SRA Repeater

The W5SRA repeater is accessible via EchoLink and AllStarLink.
Sachse Radio Club **AllStarLink Instructions**: (Click Here)
Please use node 528831 to connect using AllStarLink

Next General Meeting

Thursday, June 13 @ 7:30 PM

North Pointe Church of Christ

7030 S State Hwy 78,

Sachse, TX 75048

Topic: 2024 Field Day Preparation Discussion

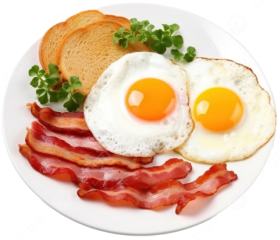
Mike Crow W5MKS—SARA VP

ARRL FIELD DAY 2024 BE RADIO ACTIVE

GOTA GET ON THE AIR FIELD DAY

QSO Breakfast

Meet us each Saturday at 7:30am at **Ballard Street Cafe**, 112 N. Ballard in downtown **Wylie**. People begin showing up around 7:00 with most showing up by 7:30am.



FREE ON-LINE AMATEUR RADIO OPERATING CLASS

A free, weekly, 3-hour Amateur Radio Operating Class on Zoom will begin on Thursday April 4 and run through June 20 at 6:30 PM Eastern time.

The presenters will be various experienced folks in the various subjects.

A detailed syllabus will be published before the classes begin. Attend them all, or any that you like, but you must register for the classes.

To receive registration information, contact Rol Anders, K3RA, at roland.anders@comcast.net.

Subjects will include:
All About Operating--A general Introduction
Amateur Radio Organizations—Local to International
Ham Radio Awards
DXing-History and Tips from the Experts
QSLing-How to get that needed card for DXCC or WAS
VHF/UHF Weak Signal Work and "Roving"
Image Operating—Slow Scan and Fast Scan TV
Remote Station control over internet
Learning CW in the no-code era
Digital Modes—From RTTY to FT8 and beyond
Contesting—How to get started, tips for the beginner and intermediate contesters
Logging Software—What's available, how to use
Propagation—A general intro to HF Propagation
Amateur Satellites—How to get started
Portable (backpacking) operation—Tips from an expert
Setting Up a Modern (or not so modern) HF Station
Lightning Protection and Grounding
Traffic Handling
Public Service, Emergency Communications

Next Board Meeting:

June 27, 2024 via ***Google Meet*** at this link.

ANY MEMBER IS WELCOME TO JOIN US!!

Find us on Facebook!

Did you know you can keep up with events and conversations between newsletters by joining the Sachse Amateur Radio Association on Facebook? Click the Facebook link above.

Sunday Public Service Net

W5SRA Repeater
8:00 PM
Frequency: 440.350 MHz
Shift: +5MHz
PL tone: 110.9 (Tx & Rx)

Upcoming W5SRA Laurel Testing

June 15th - **CANCELLED**

July 20th - 9:00am to 11:00am at 7030 S. State Hwy 78, Sachse, TX 75048. Contact:
W5JWS (John)
214.799.9927
w5jws@arrl.net
for additional details.

UPCOMING EVENTS

Every Monday - "SARA Weekly Information Net" 7:00pm W5SRA Repeater

440.350 MHz,
Offset +5.00 Mhz,
PL tone: 110.9

Future SARA General Meeting Topics

June 13th - ***"Field Day 2024 Final Coordination"*** Mike Crow W5MKC—Vice President

July 11th - ***TBD***

Aug 8th - ***TBD***

Sep 12th - ***"Club Elections"*** To serve from Sep 2024—Aug 2025

DFW-area Hamfest

June 14—15 ***"DFW HamExpo"*** in Lewisville. Please see the website for more information.

Murphy CERT now on W5SRA Repeater

Every third Wednesday the Murphy CERT net be on the club repeater. The net will activate at 19:00 local. The access parameters for the W5SRA repeater are at the top of this column. Might be fun to listen in, and become involved in the Murphy CERT.

Special D-DAY Event

June 1—14 A HAM Special event will commemorate the 80th anniversary of D-Day by holding a special event 6/1-6/14 1300Z - 2200Z. A special QSL will be available. See the full article later in this newsletter.

ARRL Systems Experience Serious Service Disruption

May 16th, 2024 A serious incident involving access to the ARRL network and headquarters-based systems occurred on 5/16. Several services, such as Logbook of The World® and the ARRL Learning Center, were affected. See full article here.

Miracles

When I operate QRP in the park with a compromised antenna, that's essentially what I am counting on. I'm counting on a miracle.

An Example

We had a lot of rain early in the week. The ground was muddy. I really didn't feel like slogging in the mud to set up a ground mount (good) antenna.

In situations like this, I have an "antenna of last resort". The antenna of last resort is a 5 foot tall, pull-up mast that has an integral base loading coil on it. It is tuned for 20 meters, and it was made to attach to the front panel BNC connector of an FT-817. The antenna collapses down to about a foot in length, and it fits neatly in my "go box".

I don't have an FT-817. The way that I use that antenna is, I put a pocket antenna tuner on the other end of the wooden picnic table. The distance between me and the antenna is for RF safety.

The antenna is attached to the BNC connection on the tuner. There's a little homebrew mechanical "stabilizer" that I attach to the antenna to keep it from blowing over.

The antenna tuner didn't come with a ground wire terminal, so I added one. The counterpoise wire (17') attaches to the terminal I added on the tuner. The counterpoise wire is thrown out on the ground.

Losses

So, let's look at what we have here. First of all, we have a 5' antenna - when 1/4 wave is nearly 17' (20 meters). Figure that this antenna will be down 6 dB from a quarter wave antenna. Then figure the loss in the antenna tuner (1 dB?) and the RG-174 coax (1 dB?). Now we're down 8 dB.

And No Power to Begin With

The radio on this particular day was an old MFJ Cub. That's a CW-only radio with an output power of about 2 watts. When we take that "nothing" output power, and decimate it with 8 dB of losses... we're talking a radiated power of about 320 milliwatts (0.32 W).

Tough Slogging

In the QRP game, sending CQ usually is a waste of time. I send CQ when I start out a park outing, just so I can see my Reverse Beacon Network spots later on when I get home.

When operating QRP, success usually comes from "hunt and pounce". That is, you find a strong signal (known good propagation link) and follow it back to the source.

I sat there for an hour with my 5 foot table top stick, calling stations that I could hear. Nothing. They couldn't hear me. That's the way that QRP goes. QRP takes patience, and a certain degree of luck.

And Then...

And then, there it was. I got a response from a station in northern Minnesota. Got a "459" signal report from him. Welcome to the ionospheric casino. The ions up there had lined up for me.

The station in Minnesota was 987 miles away. I was hitting him with one third of a watt. That's 3000 miles per watt.

Miracles

3000 miles per watt. That's a miracle. And that - that is what QRP is about. QRP is about doing something with nothing. It's about pulling the lever in the ionospheric slot machine, and having the bells ring and the coins hit the pan. That's not so weird, is it? I mean, people do that every day in Las Vegas. They sit all night on a stool and pull that lever. The only difference is, I'm not losing my money.

For the true "Las Vegas" effect, I stop at the convenience store and get a 32 oz. diet soda or a hot cup of coffee to sip on while I wait for lady luck at the park picnic table. Goes well with a donut.

The Crucible

HF QRP is the crucible of amateur radio. Any lesson learned in QRP operation is immediately applicable to QRO (higher power) operation.

The average radio operator papers over losses in antenna systems by throwing power at them. That solves the transmitted signal problem, but it does not solve the received signal problem.

Antennas are governed by the "principle of reciprocity". The "principle of reciprocity" says that an antenna that is down 6 dB on transmit is also down 6 dB (one "S" unit) on receive. The receive problem cannot be solved by adding power on the receiving end. And in amateur radio... we don't control the other end of the link.

My New Antenna is so Quiet

Yep. Well, that's because your new antenna has lower gain than your previous one. Noise is signal. It's signal that's on the frequency you are using. It's just signal that you don't want.

3000 Miles per Watt

I'm still thinking about that. 3000 miles per watt. If that ain't a miracle, what is?

73,

- Jim Eatman KG5WAW

SARA Club Officers for 2023-2024

Current officers for the Sachse Amateur Radio Association, per the election held at the September 2023 General Meeting.

President	Andy Barnes	W5KZJ
Vice President	Mike Crow	W5MJC
Secretary	Kathy Wingo	KI5LEY
Treasurer	Linda Smyder	K5LCS
Public Information Officer	Jeff Feldman	KI5DDX
Director at Large	John Smyder	W5JWS
Newsletter Editor	Ev Wingo	KI5LEX

JOIN THE ARRL

As an ARRL Affiliated Club, SARA receives a commission for every **new** ARRL membership and **renewal** we submit to ARRL Headquarters and get to retain a portion of the dues for each regular membership submitted.

Clubs retain **$15 for each new membership** OR lapsed membership (of two years or more). A NEW MEMBER is defined as any individual who has never been a member of ARRL or any individual who has not retained a membership for two or more calendar years prior to the application submission.

Clubs retain **$5 for each renewal**. A RENEWING MEMBER can renew at anytime, even before their current membership term expires.

You can download the ARRL Affiliated Club Membership form here.

Once downloaded, complete the form and get it to the club Treasurer along with a check made out to 'Sachse Amateur Radio Association' and we will submit your ARRL membership application/renewal to ARRL Headquarters. (**NOTE**: ARRL Headquarters is working on getting an on-line version working so that you can go directly to them and the ARRL will send the club a check for any new or renewed memberships.)

ARRL Suffers Serious Outage

Updated 5/29/2024
This update includes information about the status of several services as we continue to respond to a serious incident involving access to our network and systems.
The ARRL Volunteer Examiner Coordinator (ARRL VEC) has resumed the processing of Amateur Radio License applications with the FCC. A more comprehensive update on the status of ARRL VEC services is available here.
There has been no interruption to visitor operating at W1AW, the Hiram Percy Maxim Memorial Station. The station resumed voice bulletins on Thursday, May 23. All other scheduled transmissions, including Morse code practice, and code and digital bulletins, will resume on Thursday, May 30. Please refer to the regular operating schedule at www.arrl.org/w1aw-operating-schedule.
After last week's distribution of the ARRL Letter, our e-newsletter service has resumed. Current editions of ARRL Club News and The ARES® Letter have also been distributed.
ARRL Store orders have resumed shipping. Orders are being fulfilled from earliest order dates to the latest. Please allow additional time for our processing.
There has been no disruption to the @arrl.net email forwarding service, though forwarding email addresses and aliases cannot be modified at this time.
Our telephone system is unavailable at this time.
We appreciate your patience as we continue working on restoring access to affected systems and services.
Updated 5/22/2024
We are continuing to address a serious incident involving access to our network and systems. Several services, such as Logbook of The World® and the ARRL Learning Center, are affected.
We have heard from many LoTW® users, asking about the status of the service and its data. This is not an LoTW server issue, and LoTW data is secure.
Our editorial and production team is preparing the July issue of QST magazine, which is still going to press. It may be delivered a few days late to members who receive print subscriptions. The digital edition should be published on time.
We appreciate your continued patience as our staff and others work tirelessly to restore affected systems.
Updated 5/17/2024
Some members have asked whether their personal information has been compromised in some way. ARRL does not store credit card information anywhere on our systems, and we do not collect social security numbers. Our member database only contains publicly available information like name, address, and call sign along with ARRL specific data like email preferences and membership dates.
5/16/2024
We are in the process of responding to a serious incident involving access to our network and headquarters-based systems. Several services, such as Logbook of The World® and the ARRL Learning Center, are affected. Please know that restoring access is our highest priority, and we are expeditiously working with outside industry experts to address the issue. We appreciate your patience.

NEWSLETTER ARTICLES

Working on a project that you think the club members would be interested in? Read a good HAM related article somewhere? Send articles to SARA Newsletter Editor: newslettereditor@sachseradio.org

ACTIVITIES COMMITTEE

SARA vice-president Mike Crow, W5MJC heads up the SARA Activities Committee. Anyone who is willing to help or has ideas may contact Mike at: vicepresident@sachseradio.org

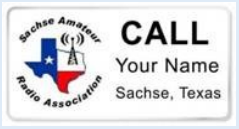
SARA BRANDED GEAR

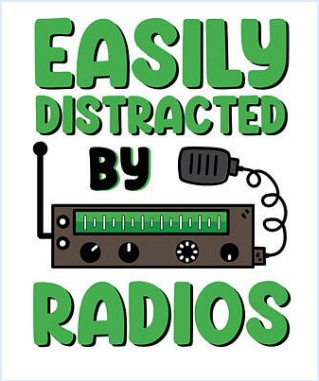
We now have two suppliers for SARA gear. Both of these companies have our logo on file.

HamThreads will do hats, shirts, jackets and vests. They can do single items. HamThreads is in Saginaw.
https://www.hamthreads.com

SARA NAME BADGES

If you need a SARA name badge please go to:
https://namebadge.com/sachse





ELECTIONS

Club Officer Elections are coming up in September. You must be a current-paid member as of the regular club meeting in September to vote in the election.

If you are interested in standing for election to one of the club officer positions, please reach out to any current club officer OR email the:

Public Information Officer

From ARRL News

06/01/2024 | WWII D-Day Commemoration

Jun 1-Jun 14, 1300Z-2200Z, W2D, Hunt Valley, MD.

Amateur Radio Club of the National Electronics Museum (ARCNEM). 14.244 14.044 7.244 7.044. Certificate & QSL. K3NY, 108 Brent, Arnold, MD 21012.

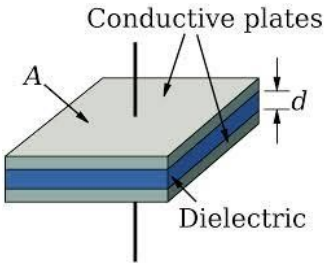
Amateur Radio Club of the National Electronics Museum (ARCNEM) will operate W2D in commemoration of the anniversary of D-Day and the role of electronics in WWII.

Primary operation will be June 1-June 6 with additional operation possible during June 7-14 as operator availability permits. Operation on 80M (3.544, 3.844), additional bands and digital modes possible during event. Frequencies +/- according to QRM. QSL and Certificate available via SASE; details at ww-2.us

Visit the D-DAY 80th Anniversary Official Website HERE.

Lite Tech Corner—Episode 3
What is your capacity?

Continuing our series on electronics components, we take up the capacitor. So what is a capacitor anyway? Simply put, it's two conductive plates separated by an insulator (called a dielectric). A lead is attached to each of the plates to provide a convenient connection to the device.



The capacitor's function is to hold an electrical charge for a period of time and then release the charge into other components. Capacitors come in many sizes and values. Their value is measured in Farads (honoring Michael Faraday). The farad is too large a value for most uses hence we generally start with microfarads – one millionth of a farad. When used in high frequencies, the values often shrink into picofarads – one millionth of a microfarad. Capacitors are also rated by the voltage they can withstand without damaging the dielectric. These voltages range from a few volts to thousands of volts.

The benefit of a capacitor's holding a charge is used in power filtering circuits. The capacitor charges up to the applied voltage and if the applied voltage drops, it dumps its charge back into the circuit in an attempt to hold the voltage steady. Another application is in tuning circuits. When an AC voltage is applied, the capacitor charges and discharges through a resistance at a measurable rate. By varying the values of the capacitor and the resistance, we can control the charge/discharge cycle time. From this functionality we can create circuits that pass or reject certain frequencies. For example, a variable capacitor may be used to tune a radio receiver, selecting the desired frequency to pass to the audio output section. One more application for the capacitor is DC blocking. We generally say, "A capacitor passes AC but blocks DC." An example of the blocking function might be in the transmitter's output circuit where we want the RF AC signal to pass to the antenna but don't want any DC from the radio's power supply to get to the antenna system. A capacitor is placed in series with the lead going to the antenna and does exactly that.

Capacitors are used in combination with resistors and inductors to provide a wide variety of stable circuits that we use in our radios. Next time, we'll talk about the inductor – you can be induced to explore electronics!

73 - Bob DeVance K5CRX

Understanding the Field Day GOTA Station

BY ARRL CONTEST PROGRAM MANAGER PAUL BOURQUE, N1SFE

Anyone can get on the air during ARRL Field Day, also known as amateur radio's open house. Event rules allow group participants to set up a dedicated Get on the Air (GOTA) station so that new, inactive, and inexperienced hams, as well as visitors from the general public, have the opportunity to experience the excitement of amateur radio.

Micah Gallant, VY2MIC, and his daughter Arden Gallant, VY2ALG, operated the Charlottetown Amateur Radio Club's GOTA station from Victoria Park on Prince Edward Island, Canada, during the 2023 ARRL Field Day. A total of six new hams, two of which were youth, made their first HF contacts using the club's GOTA station. [Micah Gallant, VY2MIC, photo]

Station Rules and Operations

The frequency privileges of a GOTA station are dependent on the license held by the control operator overseeing the operations. For example, if an unlicensed visitor or a Technician-class licensee is operating the station while a General- or Amateur Extra-class control operator is present, they may operate in the General or Amateur Extra portions of the bands.

While a different call sign than the one used by the parent (Class A) station must be used, the exchange is the same as the parent station.

The ARRL Field Day rules don't preclude seasoned hams from operating GOTA stations. If a more experienced operator wants to try out a band or mode they don't normally use, that would be well within the purpose of the GOTA station. For example, if an active General-class licensee has never operated HF and wants to try working 20-meter SSB for the first time, they could use the GOTA station to do so.

Tips for a Successful GOTA Station

1. Prior to Field Day, recruit club members to act as GOTA coaches, and create a schedule to make sure someone is available at the station during periods when visitors may be present to greet and assist them. I recall going to Field Day right after I received my license, and everyone was so focused on making contacts that no one even acknowledged me. Needless to say, I didn't stick around very long.
2. Let the public know that your Field Day location will have a GOTA station. The ARRL Field Day Station Locator (**www.arrl.org/field-day-locator**) can help get the word out and promote your group's event. Use the locator to add your Field Day location to the map. Remember to also include your contact information and if you'll have a GOTA station.
3. Set up your GOTA station in a spot that will attract visitors. It should be accessible and inviting, as well as organized and uncluttered. Consider putting up a sign or banner so it can be easily found.
4. Create a written script of the on-air exchange and post it prominently at the control point. Make sure the phone operators are comfortable sending and copying phonetics. Have a band chart and information about the radio's operation readily available.
5. Make sure everyone who wants to operate the station gets the chance to do so. There's no time limit for GOTA operators, but if there's a line of people waiting to use the station, common courtesy dictates that everyone should get a turn.

Station Benefits

A successful GOTA station helps make the public and amateur radio newcomers aware of all the excitement that the hobby can offer, and it can also earn your club's Field Day operation some bonus points! Contacts made by GOTA operators not only count toward your main station's contact total, each GOTA contact is worth an additional five GOTA bonus points. This is a great incentive for having a GOTA station at your club's Field Day event. See section 4.1.1 of the ARRL Field Day rules at **www.arrl.org/field-day-rules** for more information.

We hope to hear you on the air on June 22 and 23 for 2024 ARRL Field Day!

Sachse Amateur Radio Association
General Meeting Minutes
May 9, 2024

Start time: 7:30 p.m.

Location: North Pointe Church

Facilitator: President Andy Barnes W5KZJ

Everyone stood and joined in to say The Pledge of Allegiance.

Members and guests introduced themselves with names and call signs.

Attendees:

Andy Barnes W5KZJ
Jeff Feldman KI5DDX
Ev Wingo KI5LEX
Mike Crow W5MJC
Kathy Wingo KI5LEY
Rusty Cain KG5WFM
Chris VanAllen K5CVA

New Members:

Harold Liles Jr. KJ5FSI

Presentation:

The presentation has been postponed until next month.

Vice President Mike Crow W5MJC stated that the club has the capability to set up 4 stations. But all agreed that 3 stations would be plenty. Further discussion on bringing a couple of trailers for the overnighters. The trailers would allow for security of equipment, safety and medical aid should they need it, and cooling stations throughout the event.

Business Meeting:

President's Report – Andy Barnes W5KZJ

The next Board Meeting will be held on Thursday May 23rd at 7 p.m. via Google Meet. There is a link in SARA Skywaves, all are welcome. The next General Meeting will be on Thursday June 13th at 7:30 p.m. at North Point Church.

Upcoming General Meeting Subject Plans:

- *June – Mike Crow W5MJC – Field Day Prep*

Future General Meeting Topics:

Ideas for upcoming meetings
Please help with subject matter

Vice President's Report – Mike Crow W5MJC

Activities –

Field Day 2024 is scheduled for June 22 – 23.

Review Previous Meeting Minutes – Kathy Wingo KI5LEY

The minutes for April 2024 were in the newsletter and on the website.

MOTION: Kathy Wingo KI5LEY made a Motion to approve the April minutes.
Jeff Feldman KI5DDX seconded the Motion.
Discussion, none.
Motion carried unanimously.

Treasurer Report – Linda Smyder W5LCS (not present)

April 2024 Treasurer Report was presented to the members.

Report available to members upon request to the Treasurer.

MOTION: Andy Barnes W5KZJ made a Motion to approve the April Treasurer Report.
Mike Crow W5MJC seconded the Motion.
Discussion, none.
Motion carried unanimously.

Public Information Officer's Report - Jeff Feldman KI5DDX

- Saturday QSO Breakfast @ Ballard Street Café @ 7:30 a.m.
- SARA's Weekly Information Net, Monday at 7:00 p.m.
- Next Laurel VE Session May 18th @ North Pointe Church, 9 – 11 a.m.
- Free online Amateur Radio Operating Class to begin on Zoom Thursday April 4th through June 20th, for more information see page 2 of May's SARA SkyWaves.

SARA Information Net

The SARA Information Net is held on Monday, at 7:00 p.m. Weekly Information Net Control:

May 13th	Kathy Wingo KI5LEY
May 20th	Ev Wingo KI5LEX
May 27th	Kathy Wingo KI5LEY
June 3rd	Andy Barnes W5KZJ
June 10th	Jeff Feldman KI5DDX
June 17th	Andy Barnes W5KZJ
June 24th	Jeff Feldman KI5DDX
July 1st	Mike Crow W5MJC
July 8th	Ev Wingo KI5LEX

Newsletter Editor's Report - Ev Wingo KI5LEX

The May newsletter has been posted to the website and emailed to membership (distribution 162).

Submissions for the newsletter are due by the 25th of each month. The goal is to have the newsletter out on the 1st of each month.

Article Ideas:

- Projects that you are working on or have completed,
- Events and activities related to amateur radio,
- Articles you have read in other publications,
- Member Spotlight
    - Please submit about 250-300 words.

Remember, our distribution is beyond our membership and our content could encourage other people to come get involved!!

Send pictures and articles to newslettereditor@sachseradio.org

POTA Activity:

None.

Other Business:

No further business.

Adjournment:

MOTION: Kathy Wingo KI5LEY made a Motion to adjourn the meeting at 7:51 p.m.
Mike Crow W5MJC seconded the motion.
Motion carried unanimously.

Respectively Submitted by
Kathy Wingo
KI5LEY

Sachse Amateur Radio Association
Board Meeting Minutes
May 23, 2024

Start time: 7:01 p.m.

Location: Google Meet

Facilitator: Andy Barnes W5KZJ, President

The invocation was offered by Ev Wingo KI5LEX.

President Andy Barnes W5KZJ thanked everyone for attending.

Attendees:

Andy Barnes – W5KZJ	Ev Wingo – KI5LEX	Kathy Wingo – KI5LEY
John Smyder – W5JWS	Linda Smyder – K5LCS	Mike Crow – W5MJC
Jeff Feldman – KI5DDX	Lonnie Webb – KG5WHQ	

1. **Eric and Annie Pruitt**

   Sharing Ham Radio Guide for beginners. Eric and Annie Pruitt did not attend the meeting.

   ACTION: No action to be taken.

2. **Email List**

   The newsletter list has 165 emails.
   The membership list has 49 emails.
   PIOs weekly contact list has approximately 66-70.

   Ev Wingo KI5LEX stated that after asking for this to be placed on the agenda he gave the matter more thought and decided that the process in place has worked in the past and there doesn't seem to be any issues. No need for anything further.

   ACTION: No action to be taken.

3. **Field Day Preparation**

   Salmon Park is a go for overnight use. One camper will be allowed overnight. Mike Crow W5MJC will bring his camper and tent with AC to be used as a cooling station. A member that is a resident of Sachse needs to reserve the pavilion, will make contact to take care of this. The budget includes $45 fuel and $200 miscellaneous, approved by the members. The club will provide water (3 cases) and

upon taking a count of attendees will order pizza around 6 p.m. Saturday evening. Other food will be on your own.

ACTION: Get a Sachse resident to reserve the pavilion, purchase water and fuel, and get a count of attendees for Saturday evening meal.

4. **Officers Election September**

Any suggestions for the nominating committee. Lonnie Webb KG5WHQ says that he would be willing to stand for elections if there is a need. Mike Crow W5MJC states that he will be stepping down as his new work schedule will not allow for much extra time. Jeff Feldman KI5DDX has agreed to step into the vice president position. Ev Wingo KI5LEX says that should Linda Smyder K5LCS step down as Treasurer he would be willing to assume that position.

Several names for the committee were mentioned.

ACTION: Lonnie Webb KG5WHQ agrees to serve on the Nominating Committee and will think of someone else to work with him on the Nominating Committee.

5. **Other Business**

There are two bunches of silent key equipment. It is suggested to get rid of nonfunctioning equipment. Some nonfunctional equipment is a two-man lift. The second silent key has several kits and some radios that still work. It is agreed that the club will dispose of all non-working equipment.

6. **Adjourn**

MOTION: Kathy Wingo KI5LEY made a motion to adjourn the meeting at 7:43 p.m. Mike Crow W5MJC seconded the motion. Motion carried unanimously.

Respectfully submitted.
Kathy Wingo
KI5LEY

SARA Skywaves

Is published each month for the purpose of informing Sachse Amateur Radio Association members of current events and issues of interest to amateur radio operators. Articles and suggestions are always welcome. Articles that appear in this publication may be reproduced provided credit is given to ***SARA Skywaves*** and to the original source.
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Weekly Information Net Control Station Script

This net control script is a ***SUGGESTED*** script for the NCS to use to conduct the weekly net. NCS should feel free modify this script as needed to encourage maximum participation by all net participants.

(NCS Reads the text in black. Instructions to NCS are in (red).)

(A list of potential questions to ask the net attendees can be found here.)

(Preamble)

Good evening all Radio Amateurs and welcome. This is (Your Call), my name is (Your Name), and I will be your Net Control Station for this session of the Ham Radio in Sachse Weekly Information Net. This net meets every Monday night at 7:00 PM local time, on the W5SRA repeater, frequency 440.350 MHz, with an offset of +5.00 MHz, and using a PL tone of 110.9, for the purpose of discussing topics of interest to SARA members and others.(pause) This is a Directed Net. Please do not transmit unless directed to do so by Net Control. If the repeater should go down, everyone should switch to the Sachse emergency simplex frequency 146400 MHz.

Also, if at any time you have an emergency that is an imminent threat to life or property, break in by saying*"Priority", "Emergency", or "Break Break"* followed by your call sign, and the net will recognize your station and will stand by.

(Pause)
*(*A reminder—Net Control Should ID about every 10 minutes.)

(Check-Ins)
As we start check-ins this evening, we will break them down into two categories.

1. Portable, mobile and short time check-ins.
2. General Check-ins

We will initially stand-by for portable, mobile and short time check-ins. Please, come now with your phonetic call sign, followed by your name, followed by your callsign alphanumerically.

(Recognize short time, portable and mobile check-ins individually.)
(Go through the list and allow each station to make any comments that they might have.)
(Ask for any additional check-ins.)

We will now standby for general check-ins. Please, check in now with your phonetic call sign, followed by your name, followed by your callsign alphanumerically.

(Go through the list and allow each station to make any comments that they might have. Then ask for more check-ins – this might need to be done 2 or 3 or more times – until there are no more check-ins.)
(Make sure you give your own call-sign regularly and allow others to ID appropriately as well.)
(ASK for any additional check-ins.)

(Club Announcements)

We will start off with club announcements from club officers. Any club officer on the net with an announcement, please come now with your call sign.

(Aways make certain the weekly QSO eyeball breakfast is announced)

SARA meets for breakfast every Saturday morning at 7:30AM at Ballard Street Cafe, 112 N. Ballard St. in downtown Wylie. People begin showing up around 7:00 with most showing up by 7:30AM.

(General Announcements)

At this time, we will take stations with announcements of interest to the amateur radio community in general.

(When Ham Operators check-in initially, they may tell you if they have an announcement for later in the Net. Make note of those who have announcements and recognize them first.)

(TECH CORNER and SWAP NET)

Is there anyone who would like to ask a technical question, or share information on something they would like to buy or sell? Remember no haggling over price on the air. Please come now with your call sign.

(Late Check-Ins)

Before we end this Net, I will take late check-ins. If there are any late check-ins, please give your call sign and name slowly and clearly.

(Write down and read back each call sign).

(Wrap-Up)

This is (your name and call). We wish to thank all who participated in the net this evening. This net will meet again next Monday night at 7:00PM local time on the W5SRA Repeater. The Sachse Amateur Radio Association meets the second Thursday of each month at 7:30PM at North Point Church of Christ, 7030 Hwy 78, Sachse , TX. The Sachse Amateur Radio Association Board of Directors meets the fourth Thursday at 7:00PM on Google Meet. A link for this meeting is in the club calendar.

(Close the net)

This concludes the Ham Radio in Sachse Weekly Information Net. If you would like more information about the Sachse Amateur Radio Association, please visit our web site at www.sachseradio.org. This is *(name and call sign)* and we now return the W5SRA repeater to its normal use. Hope to hear from you next week. 73 everyone!